



WPC SERIES

MINI WALL PACK

INTRODUCTION

The FGE-WPC Series Mini Wall Pack is a compact and efficient outdoor lighting solution designed for building entrances, walkways, corridors, and perimeter areas. Despite its small size, it delivers up to 140 lm/W of bright, uniform illumination, making it ideal for low mounting height applications.

Featuring high-performance LED chips and an impact-resistant optical lens, the WPC ensures excellent light distribution and long-term reliability. Its durable die-cast aluminum housing offers superior heat dissipation and corrosion resistance, with IP65 & IK08 protection ratings for dependable operation in all weather conditions.

The WPC Series supports photocell and motion sensor options, as well as 0-10V dimming, enabling smart and energy-efficient lighting control. With a 100,000-hour lifetime and 5/7/10-year warranty, it provides a cost-effective, durable, and low-maintenance solution for commercial and residential outdoor lighting.



FEATURES



Wattage Selectable: Multi-wattage options in a single fixture for flexible applications and reduced inventory.



Easy Installation and Maintenance:

Reduce installation time and maintenance labor, effectively lowering overall operational costs.



CCT Tunable: Adjustable color temperature to suit diverse environments.



Dusk to Dawn Sensor: Automatically turns lights on at dusk and off at dawn for energy savings, convenience, and extended lifespan.



High Efficacy & Energy Saving: Up to 140 lm/W, reducing energy consumption by over 60% compared with HID fixtures.



Reliable Warranty: 5 / 7 / 10 Years Warranty Options.



Smart Control Ready: Compatible with 0-10V/DALI dimming, optional microwave/infrared sensor, and emergency kit.

- Robust Protection:

IP65 waterproof & dustproof, IK08 impact resistance for harsh industrial environments.

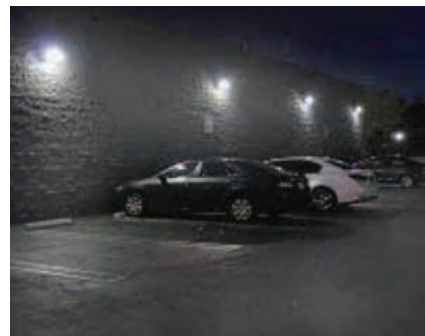
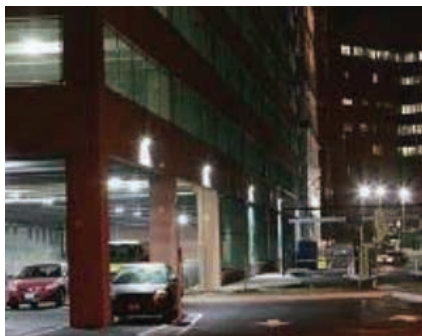
- Superior Thermal Management:

Die-cast aluminum housing with optimized heat sink for reliable performance.

- Wide Input Voltage:

AC120-277V, suitable for global power grids.

APPLICATIONS

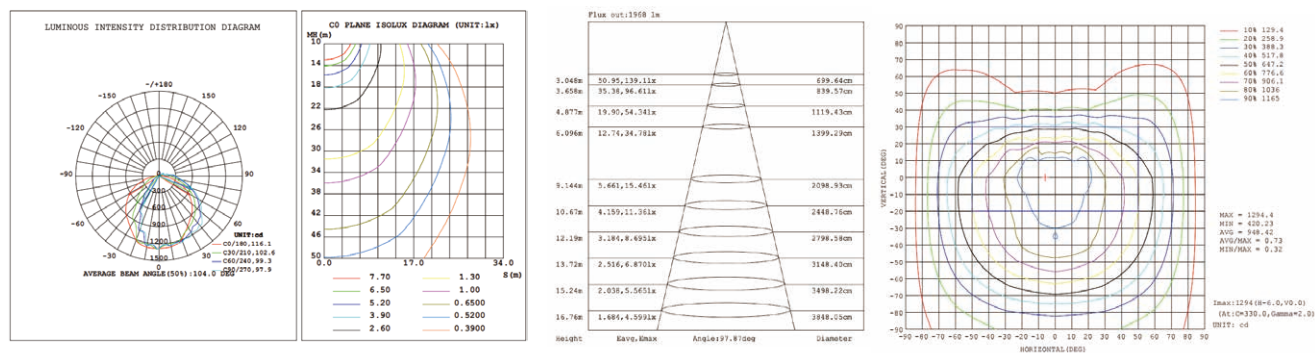


Building Exteriors: Illuminating exterior walkways, parking areas, and delivery zones with exceptional clarity, effectively reducing theft, vandalism, and safety hazards while enhancing overall security and accessibility.

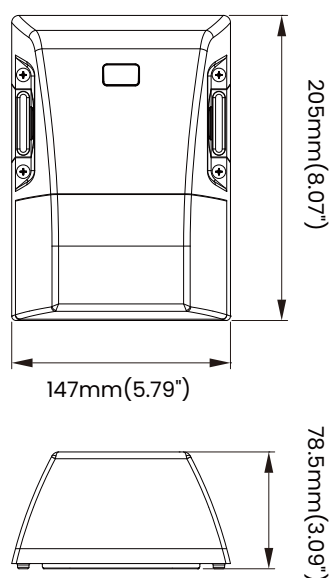
TECHNICAL PARAMETERS

Product Model	WPC-25W
Electrical Performance	
Wattage Selectable	25W/20W/15W
Input Voltage	AC120-277V
Frequency	50/60Hz
Power Factor (PF)	>0.9
Surge Protection	2KV
THD	<20%
Optical Performance	
Luminous Efficacy	140lm/W
Luminous Flux	3500lm/2800lm/2100lm
CCT Selectable	3000K/4000K/5000K
CRI	Ra>80
Beam Angle	90x140°
Unified Glare Rating (UGR)	-
Reliability	
Lifetime	>100,000h
Operating Temperature	-40 ~ +45°C
Storage Temperature	-40 ~ +70°C
Ingress Protection	IP65
Impact Resistance	IK08
Control	
Dimming	0-10V
Sensor	Built-in Photocell
Communication Protocol	-
Emergency Kit	No
Mechanical	
Housing Material	ADC12
Lens Material	PC
Coating	Brown
Net Weight	1kg
Dimensions	205x147x78.5mm
Warranty	5/7/10 Years

PHOTOMETRICS



MECHANICAL DIMENSIONS



25W

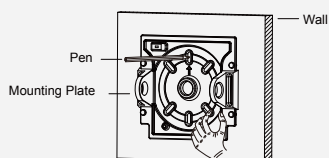
Product Model	WPC-25W
Wattage Selectable	25W/20W/15W
Outer box (L*W*H)	480x227x460mm (18.9"x8.9"x18.1")
Q'ty/Ctn	15pcs
N.W./Ctn	15.0kg/33.0lbs
G.W./Ctn	17.5kg/38.6lbs
Remarks	-

INSTALLATION

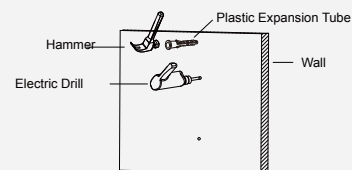
1. Disassemble the fixing screws of the lamp mounting plate with a screwdriver and remove the mounting plate.



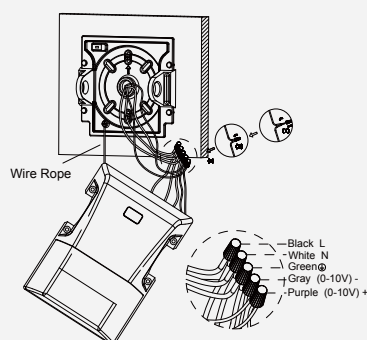
2. After knocking out the mounting holes with a hammer (at least 2 mounting holes and they should be in a symmetrical position), press the bracket on the wall with your hand and mark with the pen at the mounting screw position.



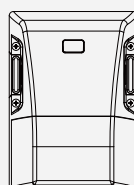
3. Use the electric drill to punch the hole at the mark position Ø8mm, depth 40mm; and use a hammer to drive the plastic expansion tube into the hole.



4. Fix the bracket with a screwdriver, and fix the fixture installation wire rope on the mounting plate, connect the cable as shown and do a good waterproof treatment.

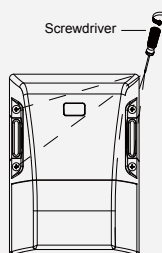


5. Put the lamp back on the mounting plate and secure the screws to complete the installation.

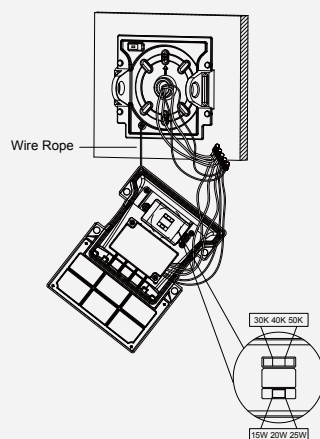


Instruction for Adjusting Wattage and CCT

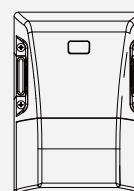
1. Instruction for Adjusting Wattage and CCT of Mini Wall Pack



2. Turn the fixture over to reveal the wattage and CCT adjustment device (adjust to the required wattage and CCT as the figure).



3. Put and lock the fixture back on the mounting plate to finish the installation.



ACCESSORIES



Photosensor

ORDER INFORMATION

WPC-YY-YY-Y

1 2 3 4 5 6

1 WPC Series Mini Wall Pack

2 Wattage

25W	25W/20W/15W
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3 Color Temperature

50K	3000K/4000K/5000K Selectable (Default: 5000K)
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4 Voltage

(Blank)	120-277V
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5 Dimmable

D	0-10V Dimming
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6 Control

(Blank)	Photocell
S	Sensor Socket
C	Control Module



WARRANTY PERIOD
5/7/10 YEARS
WARRANTY OPTIONS



WARRANTY COVERAGE
**LED LIGHT SOURCE,
DRIVER**



AFTER-SALES
SERVICE COMMITMENT
24H RESPONSE



AFTER-SALES
SERVICE COMMITMENT
72H RESOLUTION/REPLACEMENT